BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of Work: Maintenance of BBMP Drilled Borewells and Providing Pipeline in Ward No. 09 Vidyaranyapura, Vidyaranyapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	8.00	A) Rewinding Lifting of Submersible pump set as per Specification and direction ~~(P. 94 / I. 12.34.J) RWS SR (2019-20)~~ (1)	Each	1295.00	Rupees One Thousand Two Hundred Ninety Five
2	8.00	Transportation of pumping machineries ~~(P. 94 / I. 12.34.H) RWS SR (2019-20)~~ (2)	Each	1085.00	Rupees One Thousand Eighty Five
3	8.00	Labour charges (over hauling) ~~(P. 94 / I. 12.34.K) RWS SR (2019-20)~~ (3)	Each	3060.00	Rupees Three Thousand Sixty Only
4	3.00	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. ~~P No. 93 / I. No. 12.33) (RWS SR 2019-20)~~ (4) D. Rewinding of motor of 10.0 HP	Each	4760.00	Rupees Four Thousand Seven Hundred Sixty Only
5	5.00	E. Rewinding of motor of 12.5 HP	Each	5320.00	Rupees Five
6	8.00	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee) ~~P No. 93 / I No. 12.33.2C RWS SR (2019-20)~~ (5)	Each	5535.00	Rupees Five Thousand Five Hundred Thirty Five
7	8.00	Rotor (with one year Guarantee) ~~P No. 93 / I No. 12.33.3C RWS SR (2019-20)~~ (6)	Each	5175.00	Rupees Five Thousand One
8	8.00	Upper Flange ~~(P No. 93 / I No. 12.33.3D RWS SR (2019-20)~~ (7) (8)	Each	400.00	Rupees Four Hundred Only
9	8.00	Lower Flange ~~(P No. 93 / I No. 12.33.3E RWS SR (2019-20)~~	Each	400.00	Rupees Four Hundred Only
10	8.00	Upper Housing ~~(P No. 93 / I No. 12.33.3F RWS SR (2019-20)~~ (9)	Each	724.00	Rupees Seven Hundred Twenty Four
11	8.00	Lower Housing ~~(P No. 93 / I No. 12.33.3G RWS SR (2019-20)~~ (10)	Each	724.00	Rupees Seven Hundred Twenty Four
12	8.00	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad. ~~P. No. 94 / I No.12.34.A RWS SR (2019-20)~~ (11)	Each	1137.00	Rupees One Thousand One Hundred Thirty Seven
13	8.00	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. (12) Oil Seal ~~P. No. 93 / I No.12.32.1C RWS SR (2019-20)~~	Each	171.00	Rupees One Hundred Seventy One Only
14	8.00	Oil Seal Steel bush ~~P. No. 152 / I No.12.32.1D RWS SR (2019-20)~~ (13) (14)	Each	171.00	Rupees One Hundred Seventy One Only
15	240.00	Guide vane ~~P. No. 93 / I No.12.32.1E RWS SR (2019-20)~~	Each	450.00	Rupees Four
16	240.00	Impeller Shell moulded with aluminium Bronze) ~~P. No. 93 / I No.12.32.1F RWS SR (2019-20)~~ (15)	Each	682.00	Rupees Six Hundred Eighty Two Only
17	8.00	Discharge outlet (D.O) Bearing D.O Steel Bush ~~P. No. 93 / I No.12.32.1G RWS SR (2019-20)~~ (16)	Each	640.00	Rupees Six Hundred Forty Only
18	8.00	Steel bush (D.O steel bush) ~~P. No. 93 / I No.12.32.1I RWS SR (2019-20)~~ (17)	Each	213.00	Rupees Two Hundred Thirteen Only
19	8.00	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) ~~P. No. 93 / I No.12.32.1K RWS SR (2019-20)~~ (18)	Each	1281.00	Rupees One Thousand Two Hundred Eighty One
20	8.00	Non – return valve (NRV) assembly complete with rubber 'O' Ring ~~P. No. 93 / I No.12.32.1N RWS SR (2019-20)~~ (19) (20)	Each	315.00	Rupees Three Hundred Fifteen Only
21	8.00	Cable Guard ~~P. No. 93 / I No.12.32.1O RWS SR (2019-20)~~	Each	176.00	Rupees One Hundred
22	8.00	Brass Filter ~~P. No. 93 / I No.12.32.1Q RWS SR (2019-20)~~ (21)	Each	636.00	Rupees Six Hundred

Sl. No.	Quantity.	Description	Unit	Rates	
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23	8.00	Re-erection charges of pumping machineries including overhauling and pointing ~~P. No. 93 / I No.12.34.I RWS SR (2019-20)~~ (22)	Each	1711.00	Rupees One Thousand Seven Hundred Eleven Only
24	5.00	Other Parts Heavy Duty Collar 50 mm dia ~~Page No. XLVII, SL No. 2, PWD SR 2018-19~~ (23)	No	180.00	Rupees One Hundred Eighty Only
25	4.00	Providing non-return valve 50 mm ~~Page No. XLVII, Sl No. 16, PWD SR 2018-19~~ (24)	No	1800.00	Rupees One Thousand Eight
26	5.00	Providing Gate Valve 50 mm ~~Page No. XLVII, Sl No. 15, PWD SR 2018-19~~ (25)	No	1800.00	Rupees One Thousand Eight
27	50.00	Submersible Cable 1x3x6.0 Sq.mm ~~(PWD SR 2018-19 Page No. XLVII Sl No. 8)~~ (26)	M	144.00	Rupees One Hundred Forty Four Only
28	1.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws., ~~P No. 24 / I No. 5.6.6 KPWD Electrical SR 2019-20~~ (27)	Each	292.00	Rupees Two Hundred Ninety Two Only
29	4.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. ~~P. No. 41 / I No. 6.9.1 KPWD Electrical SR 2019-20.~~ (28) 40mm dia GI pipe	Mtr	335.00	Rupees Three Hundred Thirty Five Only
30	2.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. ~~P. No. 42 / I No. 7.10.2 KPWD Electrical SR 2019-20.~~ 16Sqmm (29)	No	270.00	Rupees Two Hundred Seventy Only
31	2.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia, ~~(P No. 40, I No. 6.1) KPWD Electrical SR 2019-20~~ (30)	No	2999.70	Rupees Two Thousand Nine Hundred Ninety Nine and Seventy Paise Only
32	6.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. ~~P No. 24 / I No. 5.7.2 KPWD Electrical SR 2019-20.~~ (31) 32 Amps	No	174.00	Rupees One Hundred Seventy Four Only
33	4.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN ~~P No. 27 / I No.5.17.7 KPWD SR 2019-20~~ (32)	No	1715.00	Rupees One Thousand Seven Hundred Fifteen Only
34	75600.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete ~~P.No. 30, I. No. 5.42.2 KPWD Electrical SR 2019-20~~. 16SWG (33)	Sq.Cm	0.35	and Thirty Five Paise Only
35	144.00	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means . ~~Page No. 07 / Item No.2.22.1 / PRED SR 2019-20~~ Ordinary Soil (34)	Cum	262.00	Rupees Two Hundred Sixty Two Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
36	400.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., ~~Page No.61 item No. 10.01.2 b PRED SR 2019-20.~~ 75 mm dia 6 KSC PVC pipe (35)	Rmtr	207.00	Rupees Two Hundred Seven Only
37	144.00	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs ~~Page No. 8 / Item No. 2.25 / PRED SR 2019-20~~ (36)	Cum	103.00	Rupees One Hundred Three Only

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Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))